



Form PTO-2449 (Reproduction) <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number (Optional) <b>BB-1126 US DIV</b>	Application Number <b>10/027,450</b> <b>09/173,300</b>
	Applicant <b>SAVERIO CARL FALCO</b>	
	Filing Date <b>12/20/01</b> <b>OCTOBER 15, 1998</b>	Group Art Unit <b>1643 1652</b>

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

<b>3/8</b>	NCBI General Identifier No. 400054
	NCBI General Identifier No. 1170543
	NCBI General Identifier No. 1176947
	NCBI General Identifier No. 1708468
	NCBI General Identifier No. 3122287
	NCBI General Identifier No. 124380
	NCBI General Identifier No. 3219823
	NCBI General Identifier No. 3122347
	NCBI General Identifier No. 3122345
	NCBI General Identifier No. 400187
	Higgins, D.G. and Sharp, P.M. (1989) Cabrios 5:151-153
	Hein, J.J. (1990) Meth.Enz. 183:626-645
<b>3/8</b>	Selkov et al. (1997) Gene 197:GC11-GC26

EXAMINER <b>T. Sarda</b>	DATE CONSIDERED <b>5/24/04</b>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION**  
**IN AN APPLICATION**  
*(Use several sheets if necessary)*

Application Number 10/027,450  
09/173,300

Filing Date 12/20/01 OCTOBER 15, 1998	Group Art Unit 1652 1643
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
108	WO 94/08020	4/14/94	PCT	<del>C12N</del> 15	<del>60</del>		

568	Pirrung et al, Mechanism and stereochemistry of alphabeta-dihydroxyacid dehydratase, <i>J. Am. Chem. Soc.</i> , <b>113</b> , 1020-1025, 1991
	Kanamori et al, Studies in valine biosynthesis, <i>The Journal of Biological Chemistry</i> , <b>238</b> , No. 3, 998-1005, March 1963
	Flint et al, Dihydroxy acid dehydratase from spinach contains a [2Fe-2S] cluster, <i>The Journal of Biological Chemistry</i> , <b>263</b> , No. 8, 3558-3564, 1988
	Wallsgrave et al, Biochemical characterisation of nicotiana plumbaginifolia auxotrophs that require branched-chain amino acids, <i>Plant Cell Reports</i> , <b>3</b> , 223-226, 1986
	Wallsgrave et al, Biochemical characterisation of an auxotroph of <i>Datura innoxia</i> requiring isoleucine and valine, <i>Plant Science</i> , <b>43</b> , 109-114, 1986
	Mazur et al, Isolation and characterization of plant genes coding for acetolactate synthase, the target enzyme for two classes of herbicides, <i>Plant Physiology</i> , <b>85</b> , 1110-1117, 1987
	Dumas et al, Isolation, characterization and sequence analysis of a full-length cDNA clone encoding acetohydroxy acid reductoisomerase from spinach chloroplasts, <i>The Biochemical Journal</i> , <b>227</b> , No. 2, 469-475, 1991
	Velasco et al, Cloning of the dihydroxydehydratase-encoding gene (ILV3) from <i>Saccharomyces cerevisiae</i> , <i>Gene</i> , <b>137</b> , No. 2, 179-185, 1993
	Godon et al, Branched-chain amino acid biosynthesis genes in <i>Lactococcus lactis</i> subsp. <i>lactis</i> , <i>Journal of Bacteriology</i> , <b>174</b> , No. 20, 6580-6589, 1992
568	Lawther et al, The complete nucleotide sequence of the <i>ilvGMEDA</i> operon of <i>Escherichia coli</i> K-12, <i>Nucleic Acid Research</i> , <b>15</b> , No. 5, 2137-2155, 1987

5/24/04

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PTO/SB/08a/b (05-03)

Approved for use through 05/31/2003. OMB 0851-0031

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Substitute for form 1449/PTO			Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/027450	
			Filing Date	December 20, 2001	
			First Named Inventor	S. C. Falco et al	
			Art Unit	1652	
			Examiner Name	T. Saidha	
Sheet	1	of	2	Attorney Docket Number	7560*30 (BB1128USDIV)

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>2</sup> -Kind Code <sup>2</sup> (if known)	MM-DD-YYYY			
	BA	WO 94/08020	04-14-1994			

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published.			T <sup>4</sup>
JCS	CA	National Center for Biotechnology Information General Identifier No. 1170543, 1-29-1996, Dihydroxy-acid dehydratase, mitochondrial precursor (DAD)			
	CB	National Center for Biotechnology Information General Identifier No. 400054, 9-14-1993, Dihydroxy-acid dehydratase (DAD)			
	CC	National Center for Biotechnology Information General Identifier No. 1176947, 2-3-1996, Putative branched-chain amino acid aminotransferase (BCAT)			
	CD	National Center for Biotechnology Information General Identifier No. 1708468, 12-5-1996, Probable branched-chain amino acid aminotransferase (BCAT)			
	CE	National Center for Biotechnology Information General Identifier No. 3122287, 5-8-1998, Putative branched-chain amino acid aminotransferase (Transaminase B) (BCAT)			
	CF	National Center for Biotechnology Information General Identifier No. 124380, 4-23-1999, Branched-chain amino acid aminotransferase (Transaminase B) (BCAT)			
	CG	National Center for Biotechnology Information General Identifier No. 3219823, 6-15-1998, 3- Isopropylmalate dehydratase large subunit 2 (Isopropylmalate isomerase 2) (Alpha-IPM isomerase 2) (IPMI 2)			
JCS	CH	National Center for Biotechnology Information General Identifier No. 3122347, 5-8-1998, 3- Isopropylmalate dehydratase large subunit 1 (Isopropylmalate isomerase 1) (Alpha-IPM isomerase 1) (IPMI 1)			

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Examiner Signature	T. Saidha	Date Considered	7/28/03
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		Filing Date	December 20, 2001
		First Named Inventor	S. C. Falco et al
		Art Unit	1652
		Examiner Name	T. Saldha
Sheet	2	of	2
		Attorney Docket Number	7560*30 (BB1126USDIV)

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JCB	CI	National Center for Biotechnology Information General Identifier No. 3122345, 5-8-1998, 3-Isopropylmalate dehydratase small subunit 2 (Isopropylmalate isomerase 2) (Alpha-IPM isomerase 2) (IPMI 2)	
	CJ	National Center for Biotechnology Information General Identifier No. 400187, 9-14-1993, 3-Isopropylmalate dehydratase small subunit (Isopropylmalate isomerase) (Alpha-IPM isomerase) (IPMI)	
	CK	D. G. HIGGINS ET AL., 1989, Cabrios 5:151-153	
	CL	J. J. HEIN, 1990, Meth. Enz. 183:628-645	
	CM	SELKOV ET AL., 1997, Gene 197:GC11-GC28	
	CN	PIRRUNG ET AL., Mechanism and stereochemistry of alphabeta-dihydroxyacid dehydratase, J. Am. Chem. Soc., 113, 1020-1025, 1991	
	CO	KANAMORI ET AL., Studies in valine biosynthesis, The Journal of Biological Chemistry, 238, No. 3, 998-1005, March 1963	
	CP	FLINT ET AL., Dihydroxy acid dehydratase from spinach contains a [2Fe-2S] cluster, The Journal of Biological Chemistry, 263, No. 8, 3558-3564, 1988	
	CQ	WALLSGROVE ET AL., Biochemical characterisation of nicotiana plumbaginifolia auxotrophs that require branched-chain amino acids, Plant Cell Reports, 3, 223-226, 1986	
	CR	WALLSGROVE ET AL., Biochemical characterisation of an auxotroph of Datura Innoxia requiring isoleucine and valine, Plant Science, 43, 109-114, 1986	
	CS	MAZUR ET AL., Isolation and characterization of plant genes coding for acetolactate synthase, the target enzyme for two classes of herbicides, Plant Physiology, 85, 1110-1117, 1987	
	CT	DUMAS ET AL., Isolation, characterization and sequence analysis of a full-length cDNA clone encoding aceto-hydroxy acid reductoisomerase from spinach chloroplasts, The Biochemical Journal, 227, No. 2, 469-475, 1991	
	CU	VELASCO ET AL., Cloning of the dihydroxydehydratase-encoding gene (ILV3) from Saccharomyces cerevisiae, Gene, 137, No. 2, 179-185, 1993	
	CV	GODON ET AL., Branched-chain amino acid biosynthesis genes in Lactococcus lactis subsp. lactis, Journal of Bacteriology, 174, No. 20, 6580-6589, 1992	
	CW	LAWTHER ET AL., The complete nucleotide sequence of the ilvGMEDA operon of Escherichia coli K-12, Nucleic Acid Research, 15, No. 5, 2137-2155, 1987	
JCB	CX	Sequence alignment of SEQ ID NO:1-6 and known sequences from the database	

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